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CITE NPIC 4057	PSG/025X1
SECRET SUBJECT: EVALUATION OF GIANT SCALE MISSION SØ21	
THE PART OF THE PA	COUTRED REPRO
CONTRACTOR OF CO	T II
EMPIRICAL ESTIMATES BASED ON EVALUALIONS OF SINIEAR SENSOR	D IMPLIANCE
INCATED NEAR NADIR IN CLEAR AREAS. THE UNIGINAL MEGATIVES "-"	M&S
USED TO DETERMINE THE FOLLOWING RESOLUTIONS:	PGM25X1
A RIGHT OPERATIONAL OBJECTIVE CAMERA	IAS
5. LEFT OPERATIONAL OBJECTIVE CAMERA	DIA-XX4
C. RIGHT TECHNICAL OBJECTIVE CAMERA	SPAD
D. LEFT TECHNICAL OBJECTIVE CAMERA	202
2. CLOUDS OBSCURE OR DEGRADE APPROXIMATELY 25 PERCENT OF	THE 25X1
IMAGERY.	11SSION 25X1
EMPLOYED THE USUAL SENSORS. THE ONLY MATERIALS EVALUATED ARE	CAM-1
ORGINAL NEGATIVES FROM THE OPERATIONAL AND TECHNICAL OBJECTIVE	7 (1) 1 (VP.
ERAS. THE TERRAIN OBJECTIVE CAMERA MATERIAL WAS USED TO DETER	
THE AREAS OF 80 PERCENT CLOUD FREE PHOTOGRAPHY AND TO ASSIST CORRELATION OF THE FILM TO THE MISSION RECORDER SYSTEM (MRS)	SANITIZED
THE PROPERTY OF THE PROPERTY OF THE OWNER A MATERIAL OF	WITH TEXT
A COMMENTE ARRITARDIE TO ROTH CAMERAC	<u>.</u>
THE PROPERTY OF PERCENT OF THE PHOTOCOADUV MAC	is a
ACQUIRED ABOVE 30 DEGREES OBLIQUITY.	
(2) MINUS DENSITY STREAKS ASSOCIATED WITH THE PLATEN	
CONFIGURATION ARE PRESENT THROUGHOUT THE MISSION.	
(3) TWO PLUS DENSITY STREAKS, EACH LOCATED 2.0 INCHES	
FROM THE EDGES OF THE FILM, ARE PRESENT THROUGHOUT.	
(4) STATIC TRACES ARE DETECTED INTERMITTENTLY ALONG BOT	H 📕
EDGES OF THE FILM.	
(5) BANDING OCCURS THROUGHOUT THE MISSION.	_
(6) THE IMAGERY APPEARS TO BE OUT-OF-FOCUS AT THE BEGIN	NING
OF THE MISSION. THE IMAGERY IMPROVES AFTER THE FIRST CAMERA	OFF/ON,
BUT THE BEST QUALITY OCCURS AFTER THE SECOND CAMERA OFF/NO.	
(7) SMARING IS DETECTABLE ON THE HIGH OBLUQUE FRAMES.	
3. LEFT CAMERA (AL) 3 /N 64-23	
(1) A HEAT SPLICE IS LOCATED BETWEEN FRAMES 522/523.	
(2) CAMERA OFF/ONS OCCUR BETWEEN FRAMES 160/161, 239/	240, 🛴 🍡
AND 458/459.	2 3343
	25X1
	The state of the s

Schri

(3) THE LAST TITLED FRAME IS 620.

C. RIGHT CAMERA (AR) S/N 46-23 (1) THE LAST 10 FRAMES CONTAIN STAINS AND MOISTURE MARKS ASSOCIATED WITH PROCESSING.

CAMERA OFF/ONS OCCUR BETWEEN FRAMES 184/185, 352/353,

AND 495/496.

THE LAST TITLED FRAME IS 673. (3)

ANALYSIS OF THE OPERATIONAL OBJECTIVE CAMERA MATERIAL:

COMMENTS APPLICABLE TO BOTH CAMERAS.

THE DENSITY AND CONTRAST OF THE NEGATIVES APPEAR TO BE SATISFACTORY.

(2) THE TIMING DOTS IMAGED WITH EACH FRAME BEGIN 0.50 INCH AFTER SATART OF SCAN AND EXTEND 0.75 INCH BEYOND THE END OF SCAN.

MYLAR TAPE SPLICE IS MADE BETWEEN FRAMES 522/523. THE DATA CHAMBER IS SLIGHTLY SKEWED THROUGHOUT. (4) OBLITERATED THE MINUTE AND SECOND MARKS AT THE FAR RIGHT SIDE OF THE CLOCK.

THE LAST FRAME OF EACH CAMERA OPERATION DISPLAYS (5)

FOGGED PATTERNS NORMALLY ASSOCIATED WITH A CAMERA OFF. B. LEFT OPERATIONAL OBJECTIVE CAMERA (CL), S/N 4033:

- THE TIME TRACK IS NOT IMAGED FOR CFRAMES 001 TO 010 AND THE FIRST 2.50 INCHES OF FRAME 011. IT IS PRESENT ALONG AND INSIDE THE FORMAT EDGE FOR ALL OTHER FRAMES.
 - A CAMERA OFF/ON OCCURS BETWEEN FRAMES 853/854 (2)
- (3) THERE ARE A LARGE NUMBER OF RAIL SCRATCHES EVIDENCED ON THIS MISSION.
- (4) THE FIRST 0.75 INCH OF SCAN FOR ALL FRAMES IS DEGRADED AND APPEARS TO BE OUT-OF-FOCUS. THE FIRST 0.20 INCH OF THIS IS THE MOST SEVERE.
- (5) THE EVENTS COUNTER HAS A PLUS 17 BIAS TO THE TITLED FRAME NUMBER.
- APPROXIMATELY 50 PERCENT OF THE DATA CHAMBER FOR (6) FRAME 522 WAS OBSCURED IN THE SPLICING OF FRAME 522 TO 523.
- (7) THE LAST TITLED FRAME OF THE LEFT OCC IS 963
 RIGHT OPERATIONAL OBJECTIVE CAMERA (CR), S/N 4002:
 (1) THE FIRST 0.50 INCH OF SCAN FOR ALL FRAMES IS DEGRADED AND APPEAR TO BE OUT-OF-FOCUS. THE FIRST Ø.15. INCH OF THIS THE MOST SEVERE.
- (2) CAMERA OFF/ONS OCCUR BETWEEN FRAMES ØØ1/ØØ2 AND 849/85Ø FRAME ØØ1 IS BLANK AND APPEARS TO BE PART OF THE PRE-FLIGHT TAKE.
- THE EVENTS COUNTER HAS A PLUS 39 BIAS TO THE TITLED (3) FRAME NUMBERS
- A HEAT SPLICE IS PRESENT BETWEEN FRAMES 610/611 (5) EMULSION SCRATCHES ARE PRESENT ON APPOIXIMATELY THE FIRST HALF OF THE MISSION. THESE ARE ROUGHLY PARALLEL TO THE FILM EDGES AND REMAIN WITHIN THE NON-TITLE HALF OF THE FILM.
 - THE LAST TITLED FRAME OF THE RIGHT OOC IS 960.
 - 6. MISSION RECORDER SYSTEM (MRS) CORRELATION:
- A. THE MRS CORRELATION WAS ACCOMPLISHED BY THE PROCEDURE OUTLINED IN THE CORRELATION SECTION, MISSION SO 18 EVALUATION REPORT.

PAGE 6	RUEADJU	74 S E (CRET							25X1
В.				TLED) OF THE						
CORREL	ATED TO W	ITHIN A	2 LINE F	REGION (PLUS	OR MINUS	S 1)				
OF THE	MRS DATA	•								
NUMB	ER OF MRS	LINES	PER FRAME	<u>.</u>						
TERRAI	N	RAO	C	L-00C	R -	CEOC	L-TEOC			
FRAME	LINES	FRAME	LINE	FRAME LINES	FRAME I	INES	FRAME LI	NES		
284	1	440	2	441	2 29	4 3	270		2	
328	1	810	1	813	2 44	2 2	407	3		
GP-1										
SEC	RET									25X1

END OF MESSAGE